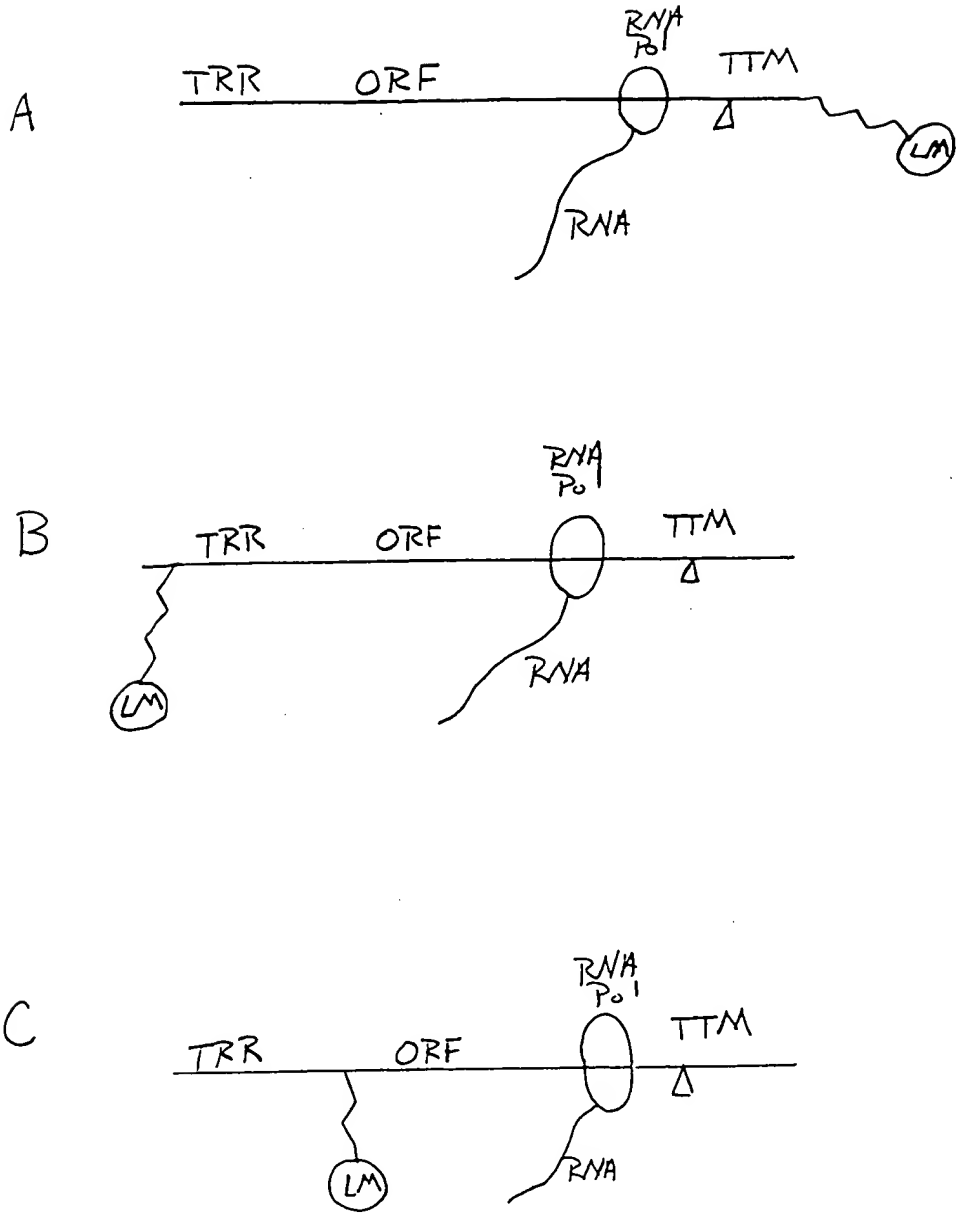
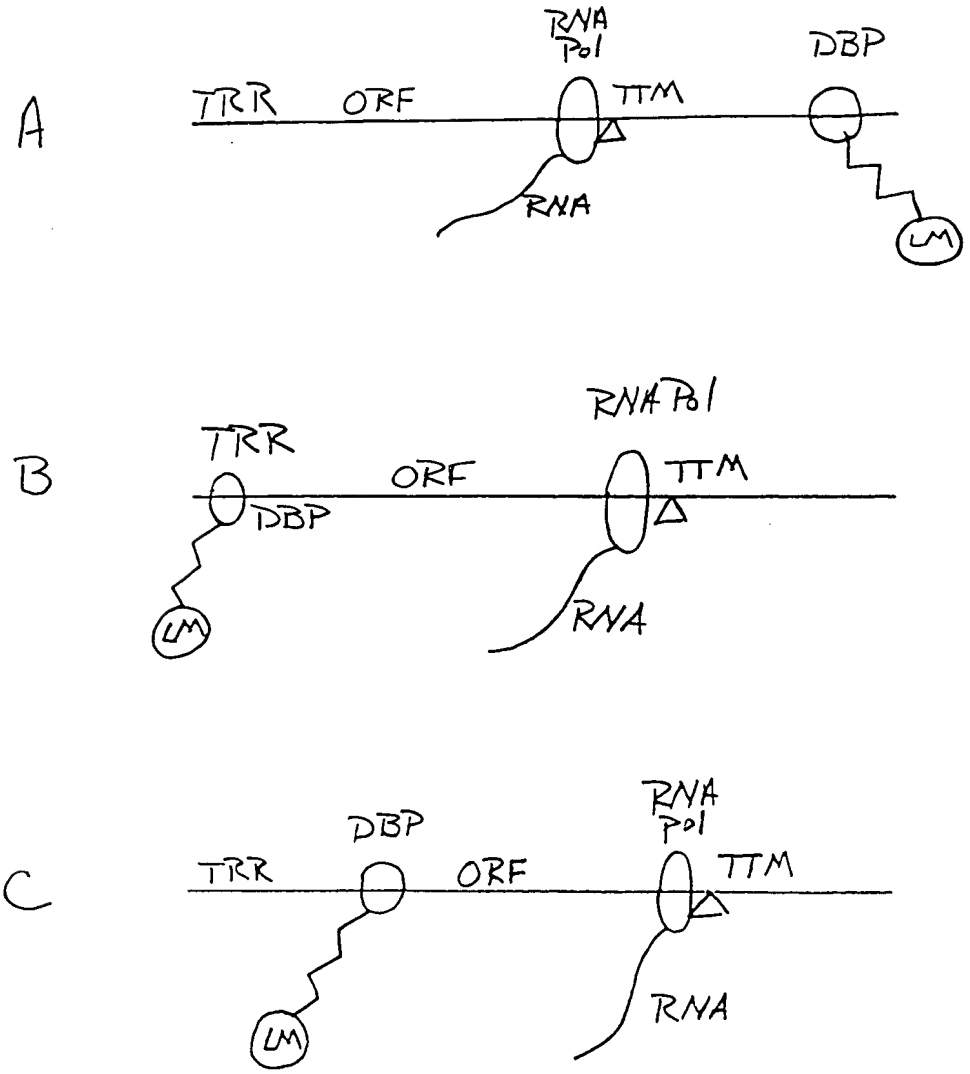


TRR = Transcription Regulatory Region
TTM = Transcription Terminating Moiety
LM = Linking Moiety

FIG. 1



DBP = DNA Binding Protein

FIG. 2

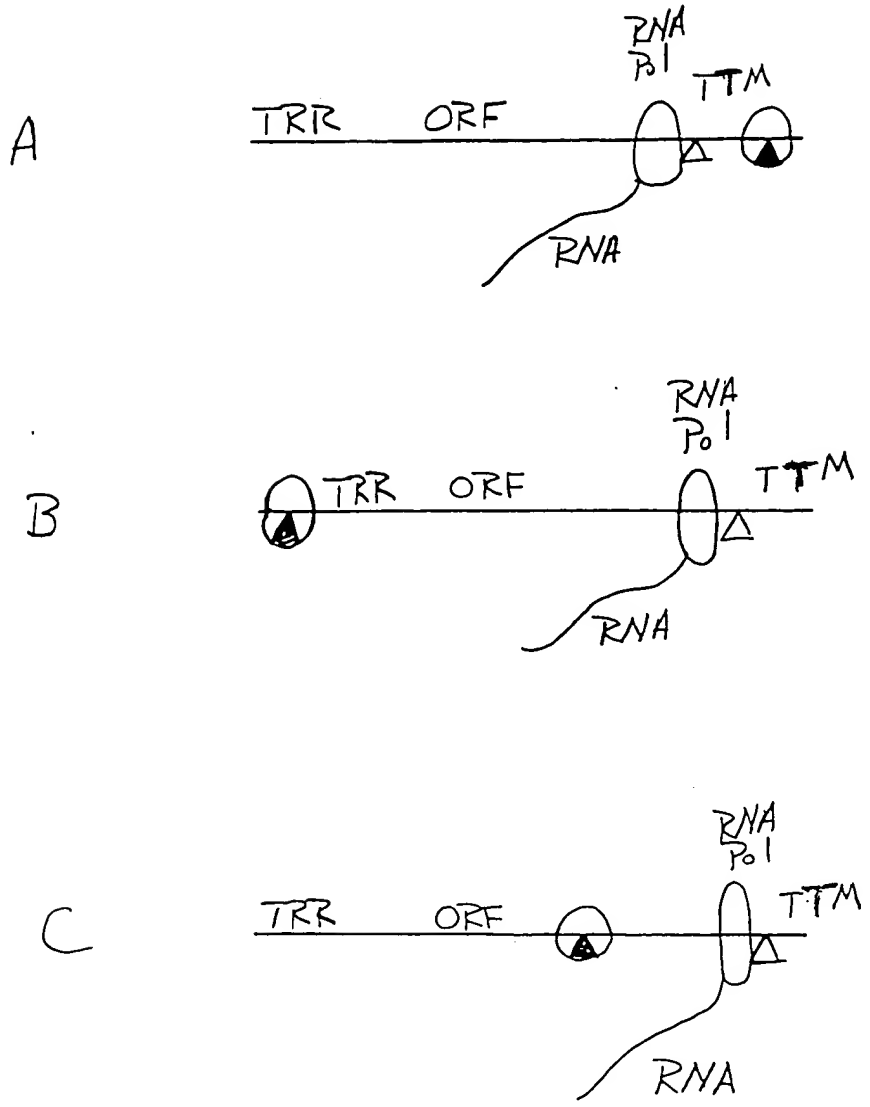

A
RNA Pol
TTM
TRR
ORF
RNA
B
RNA Pol
TRR
ORF
TTM
RNA
C
RNA Pol
TRR
ORF
TTM
RNA
= Protein with Linking Moiety

FIG. 3

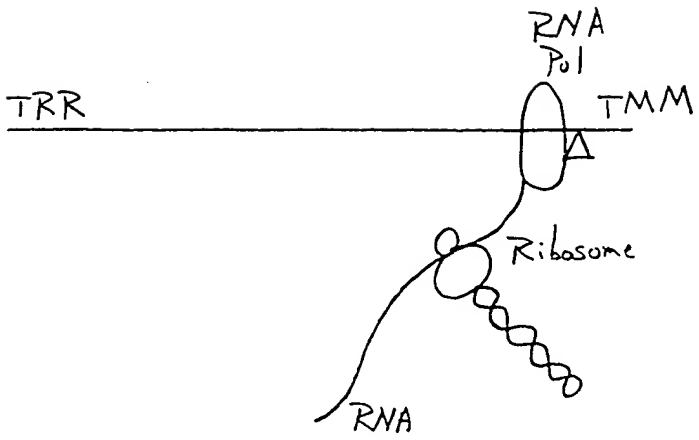


FIG. 4

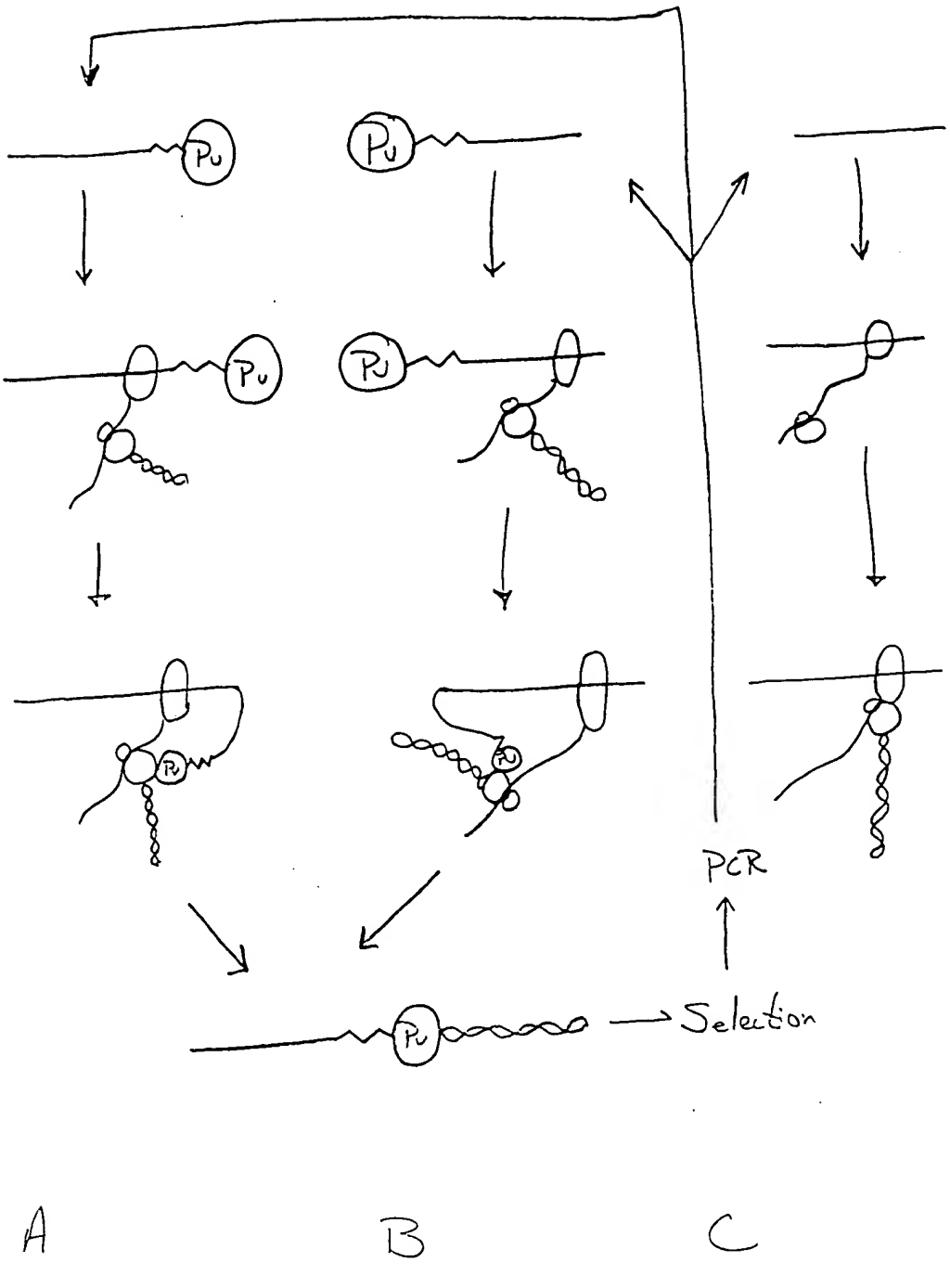


FIG. 5

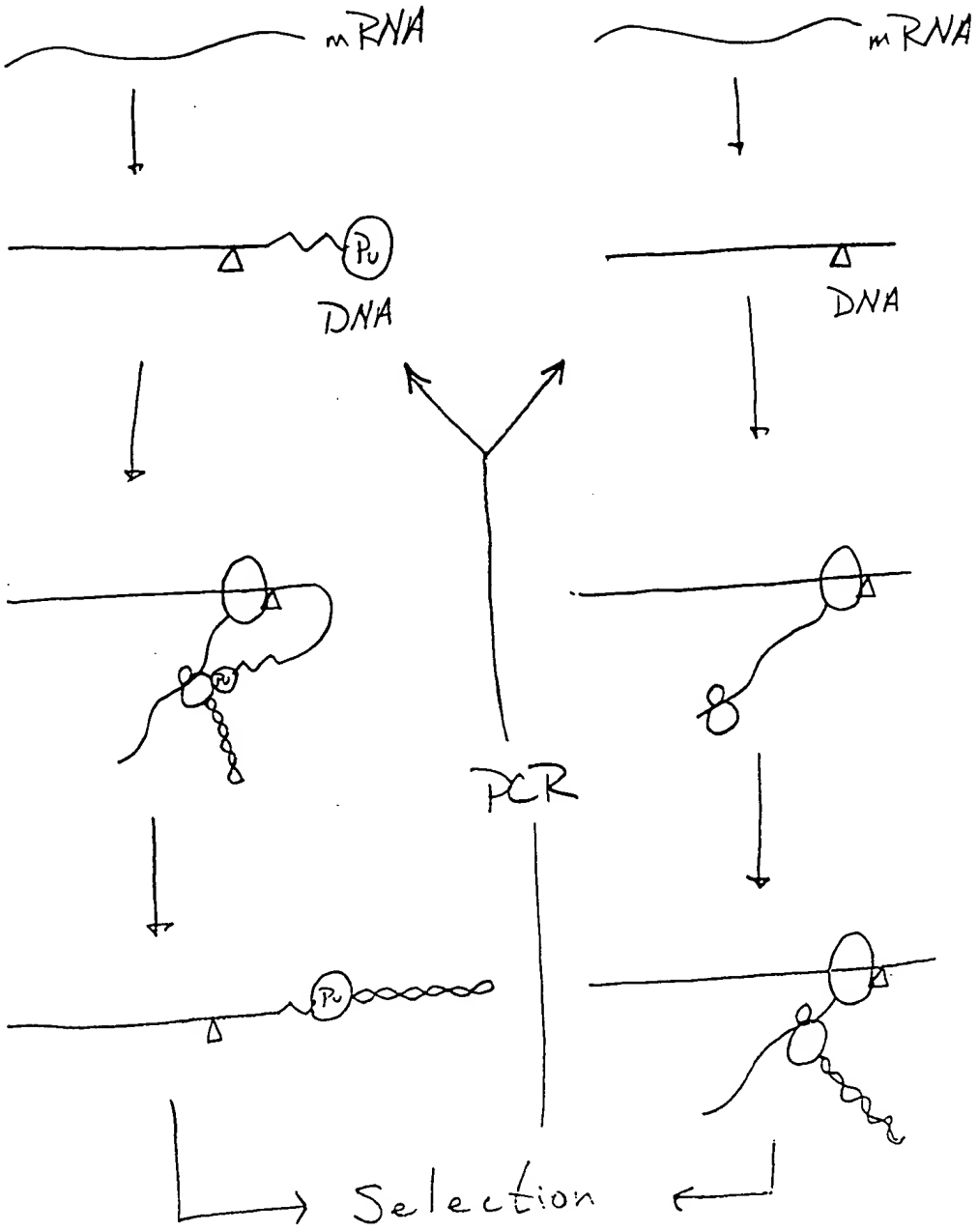
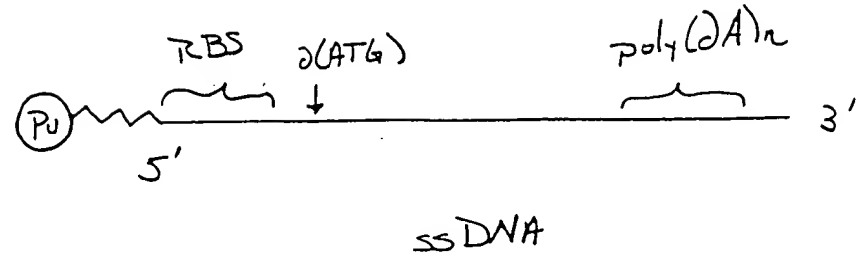


FIG. 6



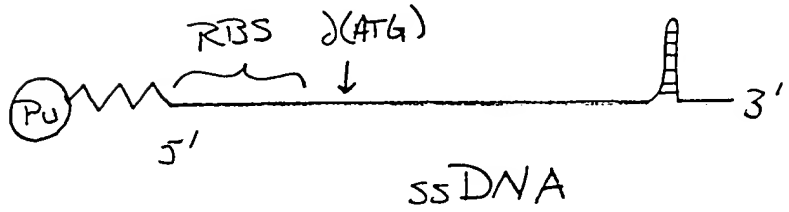
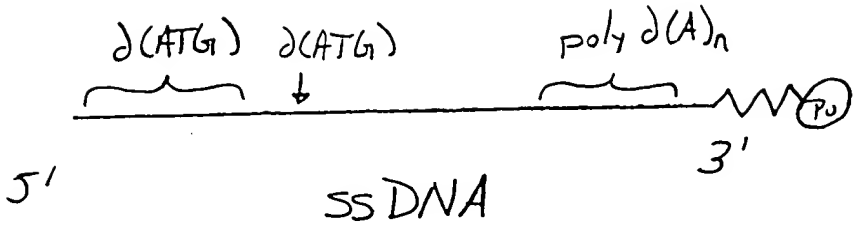


FIG. 7



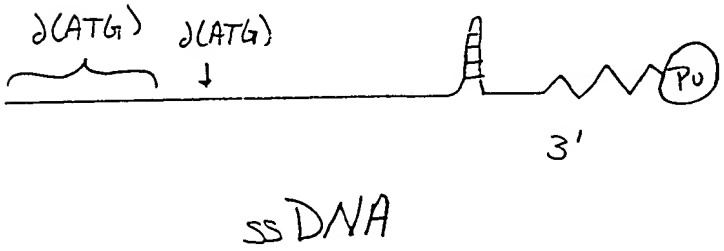


FIG. 8

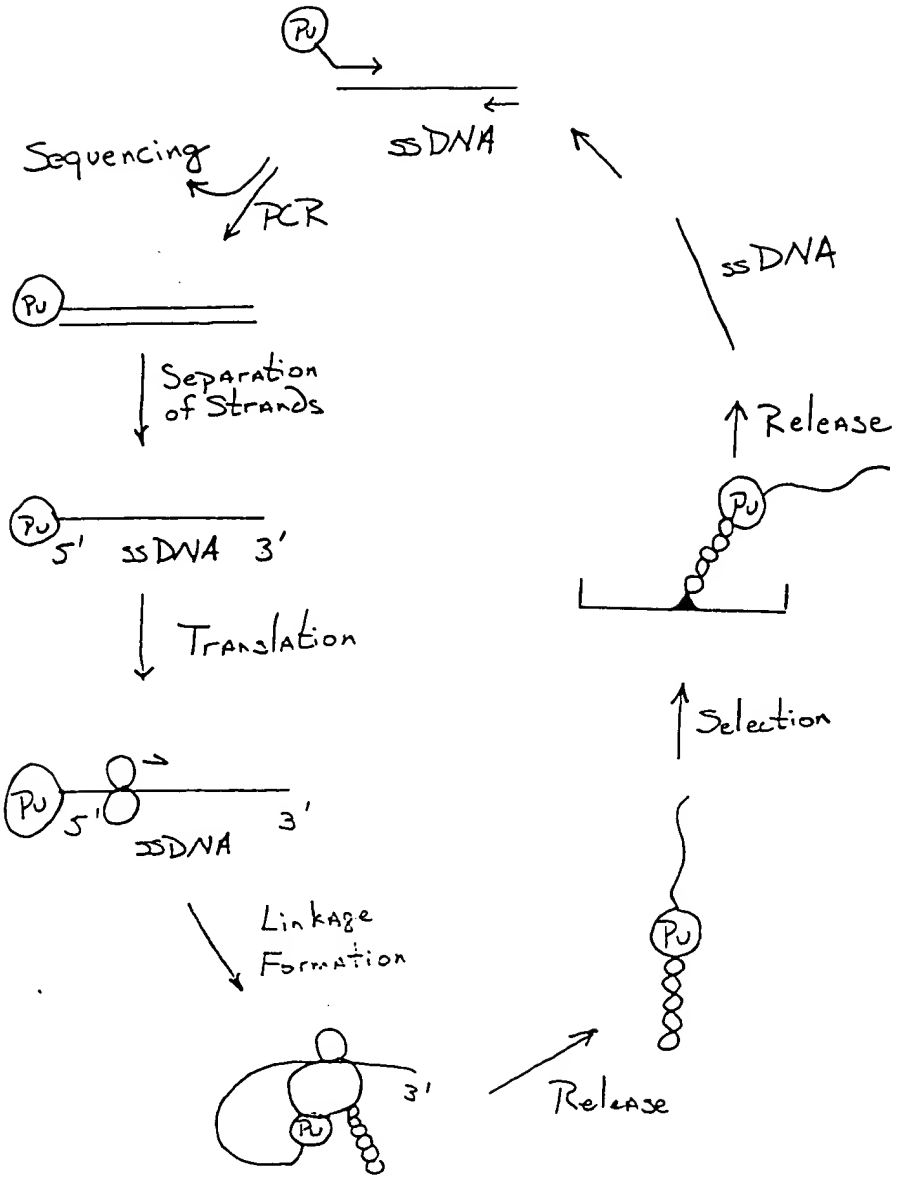

Pu
ssDNA
Sequencing
PCR
ssDNA
Separation of Strands
Release
5' ssDNA 3'
Translation
Selection
5'
3'
ssDNA
Linkage Formation
3'
Release

FIG. 9

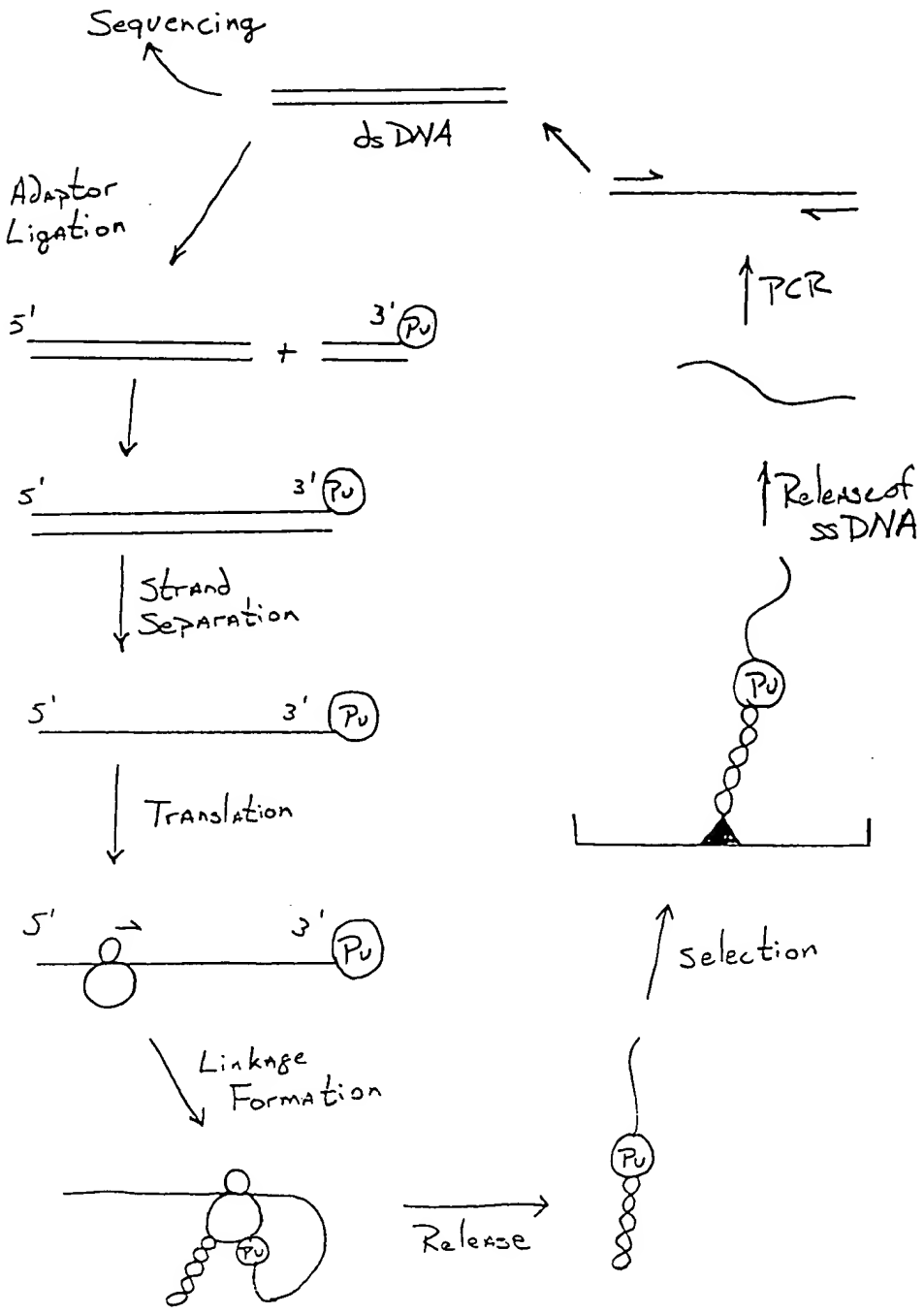

Sequencing
dsDNA
Adaptor Ligation
PCR
5'
3'
Pu
Release of ssDNA
Strand Separation
Translation
Selection
Linkage Formation
Release

FIG. 10

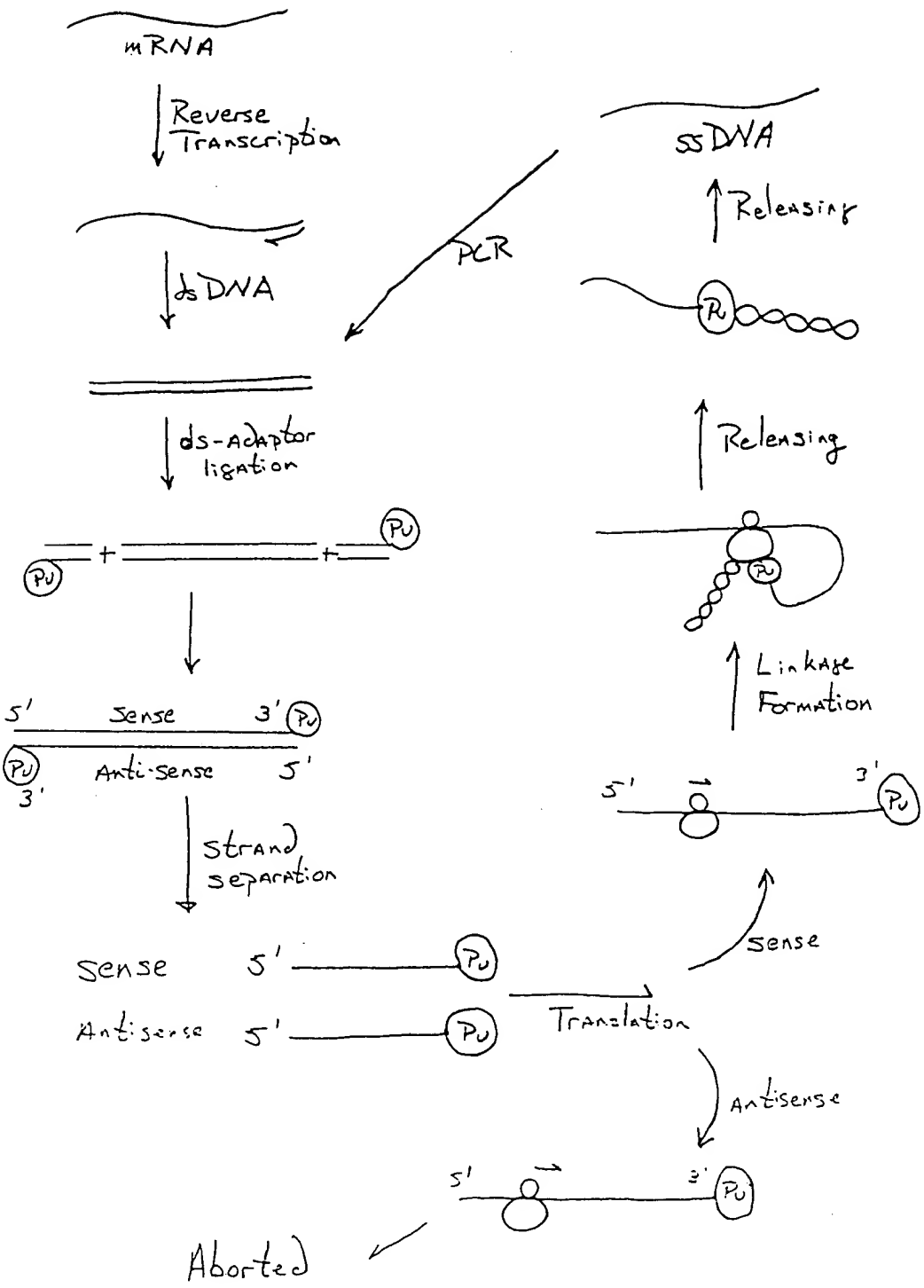

mRNA
Reverse Transcription
ds DNA
ds-Adaptor ligation
PU
5'
Sense
3'
Anti-sense
Strand separation
Sense
Antisense
Translation
ssDNA
Releasing
PCR
R
Releasing
Linkage Formation
Sense
Antisense
Aborted

FIG. 11